

## Claims

~~Sub A1~~

1. A film scanner comprising a first scanning device for scanning frames of a cinematographic film by means of photoelectric transducers, and a second scanning device for scanning the sprocket holes, characterized in that the spectral sensitivities of the first and second scanning devices are chosen to be such that they lie in maximally different spectral ranges.

2. A film scanner as claimed in claim 1, characterized in that an optical filter precedes at least one of the photoelectric transducers.

3. A film scanner as claimed in claim 1 or 2, characterized in that a common light source is provided for the first and the second scanning device, while at least one of the light radiation paths leading to the scanning devices incorporates an optical filter for limiting the light spectrum.

4. A film scanner as claimed in claim 1 or 2, characterized in that separate light sources are provided for the first and second scanning devices, while the light currents which can be generated by the light sources are chosen to be such that their spectra substantially do not overlap each other.

5. A film scanner as claimed in claim 4, characterized in that the light source for the second scanning device is provided to generate light in the infrared range, and the photoelectric transducer of the second scanning device is sensitive in the infrared range.

6. A scanning device for scanning the sprocket holes of a cinematographic film by means of a light source and at least one scanning sensor, characterized in that the light source is provided to generate light in the infrared range and the scanning sensor(s) is (are) sensitive in the infrared range.

7. A scanning device as claimed in claim 5 or 6, characterized in that the light source is an infrared light-emitting diode.

8. A scanning device as claimed in claim 1, 2, 3, 4, 5, 6 or 7, characterized in that the scanning sensor is a camera whose imaging optics have telecentric properties.

~~ADD A2~~~~ADD C 17~~

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